

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 122 | (display and (gray gradation) and sequence and level).clm. | US-PGPUB; USPAT | OR | OFF | 2006/02/01 15:01 |
| L2 | 5 | (display and (gray gradation) and sequence and level and equation).clm. | US-PGPUB; USPAT | OR | OFF | 2006/02/01 15:01 |
| L3 | 7 | (display and (gray gradation) and sequence and level and (formula equation)).clm. | US-PGPUB; USPAT | OR | OFF | 2006/02/01 15:04 |
| L4 | 6945 | gray and previous and current and (transform\$3 adjust\$3 comput\$3) and equation | US-PGPUB; USPAT | OR | OFF | 2006/02/01 15:04 |
| L5 | 6945 | gray and previous and current and (transform\$3 adjust\$3 comput\$3) and equation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:05 |
| L6 | 1200 | gray and previous and current and (transform\$3 adjust\$3 comput\$3) and equation and display and (LCD "liquid crystal") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:05 |
| L7 | 167 | gray and previous and current and (transform\$3 adjust\$3 comput\$3) near10 equation and display and (LCD "liquid crystal") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:05 |
| L8 | 91 | gray and previous and current and (transform\$3 adjust\$3 comput\$3) near10 equation and display and (LCD "liquid crystal") and temperature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:06 |
| L9 | 241 | gray same (step transition) near6 level and display and (LCD "liquid crystal") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:07 |
| L10 | 57 | gray same (step transition) near6 level and display and (LCD "liquid crystal") and equation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:07 |
| L11 | 30 | gray same (step transition) near6 level and display and (LCD "liquid crystal") and equation and previous | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:07 |

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|-----|------|---|---|----|-----|------------------|
| L12 | 23 | gray same (step transition) near6 level and display and (LCD "liquid crystal") and equation and previous and current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:23 |
| L13 | 2061 | gray and (drive\$3 driving\$2) and voltage and (step transition) near4 voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:24 |
| L14 | 2061 | gray and (drive\$3 driving\$2) and (step transition) near4 voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:24 |
| L15 | 906 | gray and (drive\$3 driving\$2) and (step transition) near4 voltage and display and (LCD "liquid crystal") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:24 |
| L16 | 268 | gray and (drive\$3 driving\$2) and (step transition) near4 voltage and display and (LCD "liquid crystal") and equation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:24 |
| L17 | 52 | gray and (drive\$3 driving\$2) and level same (step transition) near4 voltage and display and (LCD "liquid crystal") and equation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:24 |
| L18 | 20 | gray and (drive\$3 driving\$2) and level same (step transition) near4 voltage and display and (LCD "liquid crystal") and equation and temperature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 15:25 |
| S1 | 1 | "10/618820" | US-PGPUB | OR | OFF | 2006/02/01 15:00 |
| S2 | 6 | ((("5347294") or ("6054971") or ("4864290") or ("5089812") or ("5956014") or ("6320562"))).PN. | USPAT; USOCR | OR | OFF | 2005/09/22 11:44 |
| S3 | 0 | 345/*89.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/20 16:18 |
| S4 | 882 | 345/89.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/20 16:20 |
| S5 | 204 | 345/89.ccls. and gamma | US-PGPUB; USPAT | OR | OFF | 2005/09/20 16:19 |
| S6 | 2 | 345/89.ccls. and current adj3 level and previous adj3 level | US-PGPUB; USPAT | OR | OFF | 2005/09/20 16:24 |
| S7 | 1 | (gray adj level and driving adj voltage and response adj time). clm. | US-PGPUB; USPAT | OR | OFF | 2005/09/20 16:25 |

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| S8 | 135 | 345/89.ccls. and response adj time | US-PGPUB; USPAT | OR | OFF | 2005/09/20 17:04 |
| S9 | 812 | 345/87.ccls. | US-PGPUB | OR | OFF | 2005/09/21 11:11 |
| S10 | 227 | 345/87.ccls. and gamma | US-PGPUB; USPAT | OR | OFF | 2005/09/21 11:11 |
| S11 | 33 | 345/87.ccls. and gamma and response adj time | US-PGPUB; USPAT | OR | OFF | 2005/09/21 11:11 |
| S12 | 14 | "chen, li-yi".in. | US-PGPUB; USPAT | OR | OFF | 2005/09/22 11:47 |
| S13 | 1 | (gray near2 sequence and previous and current and (transform\$3 adjust\$3 comput\$3) and equation).clm. | US-PGPUB; USPAT | OR | OFF | 2005/09/22 11:49 |
| S14 | 6 | (gray and previous and current and (transform\$3 adjust\$3 comput\$3) and equation).clm. | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:09 |
| S15 | 49 | "jen, tean-sen".in. | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:09 |
| S16 | 1 | "jen, tean-sen".in. and "chen, li-yi".in. | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:09 |
| S17 | 8 | "jen, tean-sen".in. and gray | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:11 |
| S18 | 158874 | ("liquid crystal display" LCD) | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:12 |
| S19 | 13881 | S18 and gray | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:12 |
| S20 | 380 | S19 and previous adj frame | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:12 |
| S21 | 156 | S20 and current adj frame | US-PGPUB; USPAT | OR | OFF | 2006/01/24 13:13 |
| S22 | 47 | S21 and equation | US-PGPUB; USPAT | OR | OFF | 2006/01/25 10:27 |
| S23 | 20 | (display and gray and equation and voltage).clm. | US-PGPUB; USPAT | OR | OFF | 2006/01/25 10:28 |

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| L3 | 7 | (display and (gray gradation) and sequence and level and (formula equation)).clm. | US-PGPUB; USPAT | OR | OFF | 2006/02/01 15:04 |
| S7 | 1 | (gray adj level and driving adj voltage and response adj time).clm. | US-PGPUB; USPAT | OR | OFF | 2005/09/20 16:25 |
| S23 | 20 | (display and gray and equation and voltage).clm. | US-PGPUB; USPAT | OR | OFF | 2006/01/25 10:28 |